

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000505

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61K 31/41

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61K, C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, CHEM.ABS.DATA, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Europeana Journal of Pharmacology, vol. 436, 2002, J.R. Ortlepp et al: "Inhibition of the renin- angiotensin system ameliorates genetically determined hyperinsulinemia", pages 145-150 --	1-20
X	WO 0176574 A2 (NOVARTIS AG), 18 October 2001 (18.10.2001), page 1, line 15; page 2, line 6 - line 8 --	1-20
A	EP 0459136 A1 (TAKEDA CHEMICAL INDUSTRIES, LTD.), 4 December 1991 (04.12.1991), page 1, line 7, page 58 (example 44), page 34 (example 29) --	1-20

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 June 2004

Date of mailing of the international search report

22-06-2004

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000505

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0002543 A2 (NOVARTIS AG), 20 January 2000 (20.01.2000), page 1, line 1 - page 4, line 21 --	1-20
A	US 5266583 A (MASAKATSU OHTAWA), 30 November 1993 (30.11.1993), The whole document -- -----	1-20

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/000505

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 11-20
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 11 - 20 relate to methods of treatment of the human or animal body by therapy, Rule. 39.1.(iv). Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the composition.
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2004

International application No.

PCT/SE 2004/000505

WO	0176574	A2	18/10/2001	AU	7393801	A	23/10/2001
				BR	0110079	A	31/12/2002
				CA	2405895	A	18/10/2001
				CN	1422152	T	04/06/2003
				EP	1282410	A	12/02/2003
				HU	0301335	A	28/08/2003
				IL	152081	D	00/00/0000
				JP	2003530343	T	14/10/2003
				NO	20024920	A	27/11/2002
				SK	14612002	A	02/05/2003

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/04/2004

International application No.
PCT/SE 2004/000505

EP	0459136	A1	04/12/1991	SE	0459136	T3	
				AT	146779	T	15/01/1997
				AT	227709	T	15/11/2002
				AU	647469	B	24/03/1994
				AU	7533191	A	21/11/1991
				BR	1100710	A	23/11/1999
				CA	2040955	A,C	28/10/1991
				CA	2204290	A,C	28/10/1991
				CN	1048486	B	19/01/2000
				CN	1055927	A	06/11/1991
				CN	1058966	B	29/11/2000
				CN	1147515	A	16/04/1997
				CY	2150	A	23/08/2002
				DE	19875004	I	00/00/0000
				DE	69123784	D,T	17/04/1997
				DE	69133149	D,T	13/03/2003
				DK	459136	T	01/04/1997
				DK	720982	T	17/03/2003
				EP	0720982	A,B	10/07/1996
				SE	0720982	T3	
				ES	2095266	T	16/02/1997
				ES	2181742	T	01/03/2003
				FI	108434	B	00/00/0000
				FI	911936	A	28/10/1991
				FI	982761	A	21/12/1998
				FI	20012172	A	09/11/2001
				GR	3022172	T	31/03/1997
				HK	1000803	A	00/00/0000
				HU	57736	A	30/12/1991
				HU	210871	B	28/08/1995
				HU	213266	B	28/04/1997
				HU	911347	D	00/00/0000
				HU	9500105	A	28/06/1995
				IE	911317	A	06/11/1991
				IL	97882	A	14/11/1996
				JP	2514282	B	10/07/1996
				JP	2853611	B	03/02/1999
				JP	4073295	U	26/06/1992
				JP	4364171	A	16/12/1992
				JP	8099960	A	16/04/1996
				KR	200541	B	15/06/1999
				LT	438	A	25/10/1994
				LT	3246	B	25/04/1995
				LU	90224	A	11/05/1998
				LV	10258	A,B	20/10/1994
				MX	9203358	A	01/07/1992
				NO	300923	B	18/08/1997
				NO	302752	B	20/04/1998
				NO	911586	A	28/10/1991
				NO	970195	A	16/01/1997
				NZ	237949	A	26/07/1995
				PT	97451	A,B	31/01/1992
				RU	2052455	C	20/01/1996
				SG	67903	A	19/10/1999
				US	5196444	A	23/03/1993

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2004

International application No.

PCT/SE 2004/000505

				US	5328919 A	12/07/1994
				US	5401764 A	28/03/1995
				US	5703110 A	30/12/1997
				US	5705517 A	06/01/1998
				US	5962491 A	05/10/1999
				US	6004989 A	21/12/1999
				US	6232334 B	15/05/2001
				US	6355808 B	12/03/2002
				US	6608210 B	19/08/2003
				US	2001047020 A	29/11/2001
				US	2002151723 A	17/10/2002
				US	2004044223 A	04/03/2004
				ZA	9102983 A	29/01/1992
				EE	2980 B	15/04/1997
				CS	9103239 A	15/07/1992
				CZ	289405 B	16/01/2002
				MX	9101736 A	01/01/1993
				PL	168958 B	31/05/1996
				PL	169451 B	31/07/1996
				PL	170324 B	29/11/1996
				PL	292174 A	13/07/1992
				SK	282473 B	05/02/2002
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WO	0002543	A2	20/01/2000	AU	753486 B	17/10/2002
				AU	5034999 A	01/02/2000
				BR	9912021 A	03/04/2001
				CA	2336822 A	20/01/2000
				CN	1312715 T	12/09/2001
				EP	1096932 A	09/05/2001
				HU	0102828 A	29/04/2002
				ID	27664 A	00/00/0000
				IL	140665 D	00/00/0000
				JP	2002520274 T	09/07/2002
				NO	20010113 A	09/03/2001
				NZ	509260 A	26/09/2003
				PL	345897 A	14/01/2002
				SK	312001 A	11/06/2001
				TR	200100062 T	00/00/0000
				ZA	200100232 A	09/04/2002
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US	5266583	A	30/11/1993	GB	2270074 A	02/03/1994
				GB	9317760 D	00/00/0000
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